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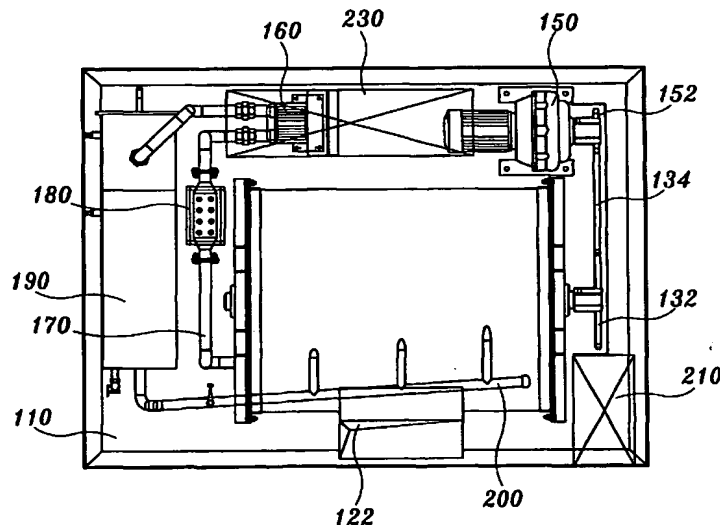
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(74) Agents: KIM, Hee-So et al.; 2F Daeho Building, 1502-12, Seocho 3-dong, Seocho-gu, 137-870 Seoul (KR).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DECOMPOSITION DEVICE OF ORGANIC WASTE AND AUTOMATIC CLEANING SYSTEM THEREOF



(57) Abstract: An organic waste decomposition device comprises a base frame (110), a cylindrical shell casing (120), a shaft (130) which is rotatably installed in the shell casing, a plurality of arm blades (140) which are engaged to the shaft, a driving motor (150) adapted to provide a rotational force to the shaft, a ring blower (160) which is adapted to supply air into the interior of the shell casing, an air pipe (170) which is adapted to connect the ring blower and a lower portion of the shell casing, a pre-heater (180) which is adapted to pre-heat the air supplied into the interior of the shell casing, a condenser (190) which liquifies the discharged vapor, a steam pipe (200) which connects an upper portion of the shell casing and the condenser, and a control box (210).

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INTERNATIONAL SEARCH REPORT

International Application No.
PCT/KR/00/00035

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: B09B 3/00; C05F 9/02; C02F 3/12; B02C 18/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: B02C; B09B; C05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0860407 A2 (HOSAN CORPORATION) 26 August 1998 (26.08.98) <i>column 3, line 38 - column 8, line 12.</i>	1,4
A		3,5-10
Y	PATENT ABSTRACTS OF JAPAN [CD-ROM]; JP 2000-233166 A (AMANO CORP); 29 August 2000 (29.08.00) <i>abstract; fig. 1.</i>	1,4
A	JP 2000 202265 A (TADANO SANGYO) 25 July 2000 (25.07.00) & PATENT ABSTRACTS OF JAPAN [CD-ROM] <i>fig. 2-6.</i>	1,2
A	US 5622617 A (TSUSAKA et al.) 22 April 1997 (22.04.97) <i>column 3, line 66 - column 4, line 39.</i>	1,4,7
A	WO 01/15826 A1 (EARTHCLEAN CO., LTD) 8 March 2001 (08.03.01) <i>abstract; fig. 2.</i>	1,4,7

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
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